# S-LX910

# **SERVICE MANUAL**



AEP Model **UK Model** F Model

# **SPECIFICATIONS**

Tumtable

Platter Motor

30 cm (12 in.), aluminum-alloy diecast BSL (brushless and slotless) motor

Drive system

Control system

Direct drive Quartz lock servo control system

Speed

331/3 rpm, 45 rpm

0.03% (WRMS)\*1

Wow and flutter ±0.035% (WRMS), ±0.045% (DIN)

Signal-to-noise ratio

75 dB (DIN-B)

Automatic system Lead-in, return, reject, repeat, arm

up/down, record size selection

Tonearm

Type

Linear tracking tonearm

Pivot-to-stylus length

75 mm (3 in.)

Tracking error

±0.1°

Usable cartridge Plug-in type, 6 g

Cartridge (XL-300G)

Type

Moving magnet type

Frequency response

20 Hz to 20 kHz

Channel separation

23 dB at 1 kHz

Output voltage

3.0 mV at 1 kHz, 5 cm/sec., 45° 50 to 100 kilohms

Load impedance

1~1.5 g

Tracking force Stylus

Sony ND-300G

Weight

6 g

General

Power requirements

AEP model: 220 V ac, 50/60 Hz (240 V ac adjustable by authorized Sony personnel) UK model: 240 V ac, 50/60 Hz (220 V ac adjustable by authorized Sony personnel) E model: 110 - 120V or 220 - 240V ac

adjustable, 50/60 Hz

Power consumption

**Dimensions** 

Weight

Approx. 355 × 90 × 360 mm (w/h/d)

 $(14 \times 3^{1}/2 \times 14^{1}/4 \text{ in.})$ 

including projecting parts and controls

Approx. 4.5 kg (9 lb 15 oz), net

Approx. 6.1 kg (13 lb 7 oz), in shipping

carton

\*1 This new measuring method concerns only the turntable assembly, including the platter. It excludes wow and flutter caused by the tonearm, the cartridge, or the record. Measured by obtaining signal from magnetic pick-up head.

# SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK M ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

# STEREO TURNTABLE SYSTEM SONY

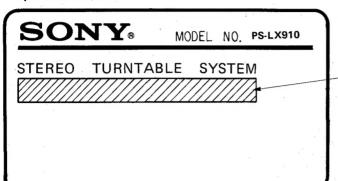




# **PS-LX910**

# MODEL IDETIFICATION

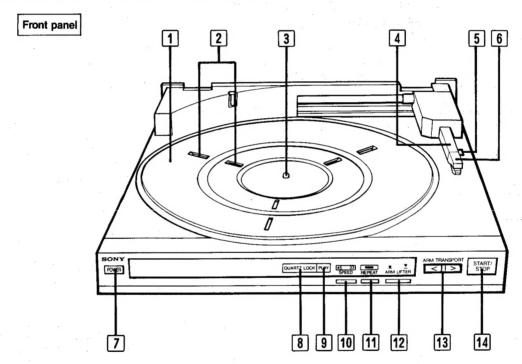
- Specification Label -

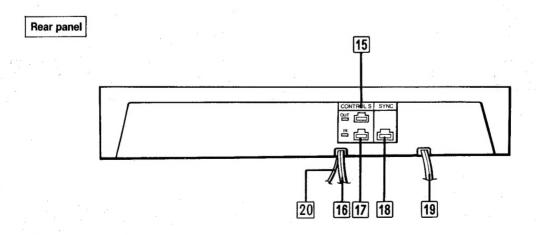


AEP : AC: 220 V  $\sim$  50/60 Hz 10W UK : 240 V  $\sim$  50/60 Hz 10 W

E : AC: 110 - 120V,  $220 - 240 V \sim 50/60 Hz$  10 W

# LOCATION AND FUNCTION OF CONTROLS





Each number is keyed to the descriptive text in "FUNCTION OF CONTROLS".

# Each number in the text is keyed to that of the illustration on page 2.

# FRONT PANEL

- 1 Rubber mat
- 2 Auto-record-size selection holes and lamp See "AUTO-RECORD-SIZE SELECTION SYSTEM" on page 9.
- 3 Center spindle
- 4 Tonearm
- 5 Cartridge locking screw
- 6 Cartidge
- 7 POWER switch

### 8 QUARTZ LOCK indicator

The indicator illuminates when the turntable rotation is locked to the nominal speed by the quartz lock control system. The indicator goes out when the turntable rotation is out of the nominal speed.

# 9 START indicator

The indicator lights up when play starts.

# 10 SPEED selector and indicators

Selects the speed of the record. When the POWER switch is turned on, the speed is always 33-1/3 rpm and the indicator on the right illuminates. Press this button to play a 45 rpm record. The indicator on the left lights up.

# 11 REPEAT button and indicator

Press this button to repeat play. The indicator lights up. To cancel the repeat play, press it again.

# 12 ARM LIFTER button

Press this button to lift and lower the tonearm. When the tonearm is on the arm rest position, it cannot be lifted up with this button.

### 13 ARM TRANSPORT button

Press this button to move the tonearm inwards or outwards.

# 14 START/STOP button

Press this button to start the record playing. To stop during play, press it again.

# **REAR PANEL**

# 15 CONTROL S OUT connector (4-pin)

Connect to the CONTROLS IN or REMOTE IN connector of other Sony audio equipment for remote control of the total audio system.

# 16 Phono cord

# 17 CONTROL S IN connector (4-pin)

Connect to the CONTROL SOUT or REMOTE OUT connector of other Sony audio equipments with the supplied flat 4-pin remote control cord for remote control of the total audio system.

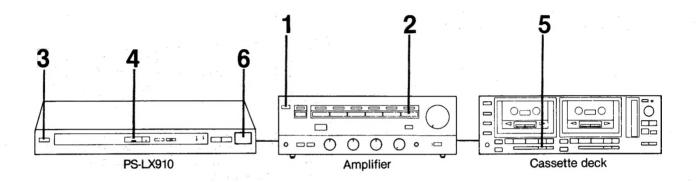
# 18 SYNC connector (3-pin)

Connect to synchro connector of the Sony cassette deck for synchronized recording with the supplied synchro connecting cord (3-pin).

- 19 Power cord
- 20 Grounding cord

# SYNCHRONIZED PLAY OF THE TURNTABLE AND A CASSETTE DECK

This function is convenient for making original music tape by changing the order of music in a record or by selecting your favorite music from several records. Cassette decks which can be used with your turntable system for this special synchronized operation are those Sony models which are equipped with a 3-pin synchro remote control connector.



- 1 Press the POWER switch of the amplifier.
- 2 Set the input selector of the amplifier to PHONO.
- 3 Press the POWER switch of the turntable system.
- 4 Set the SPEED selector according to the record to be played and place the record on the platter.
- **5** Adjust the recording level of the tape deck and set it in the record stand-by mode.
- 6 To record music from the beginning of a record, press the START/STOP button.
  To record music in the middle of a record, move the tonearm on the desired music, and press the START/STOP button.

When the tonearm comes down on a record, the recording pause mode of the deck is released and the recording starts.

# To stop recording

Press the START/STOP button.

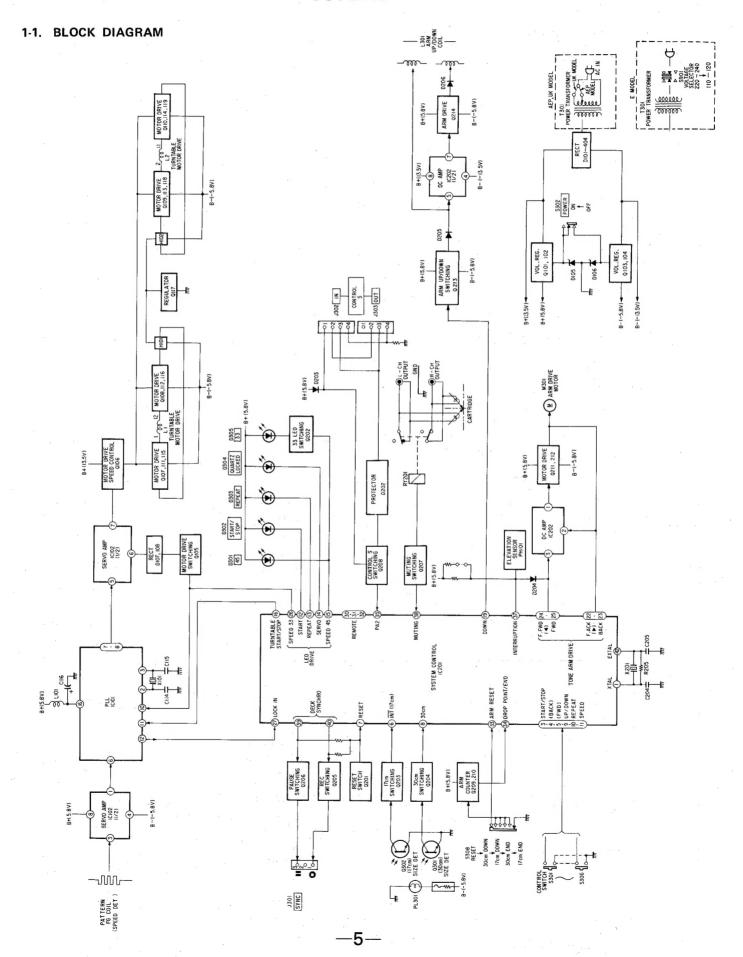
# To lift up the tonearm to move to a different point on a record

Press the ARM TRANSPORT button.

### **Notes**

- When the PS-LX910 is not in use, be sure to set the POWER switch to OFF (口).
- To carry out synchronized recording, be sure to connect both the synchro remote control cord and audio cord. If not, synchro operation is not possible.
- When synchronized recording is not required, be sure to disconnect the synchro remote control cord.

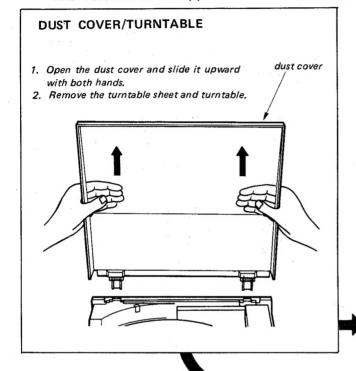
# SECTION 1 OUTLINE

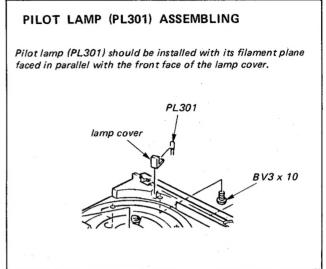


# SECTION 2 DISASSEMBLY

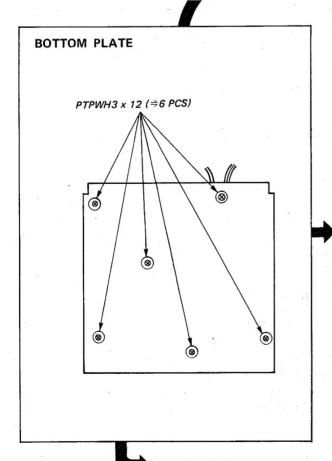
### 2-1. REMOVAL

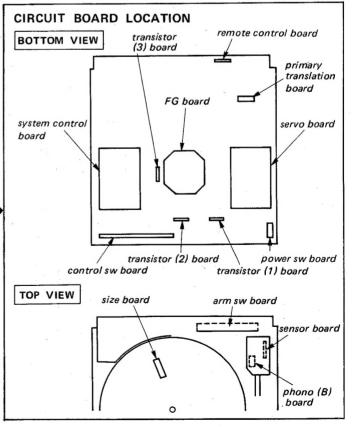
Note: Follow the disassembly procedure in the mumerical order given.

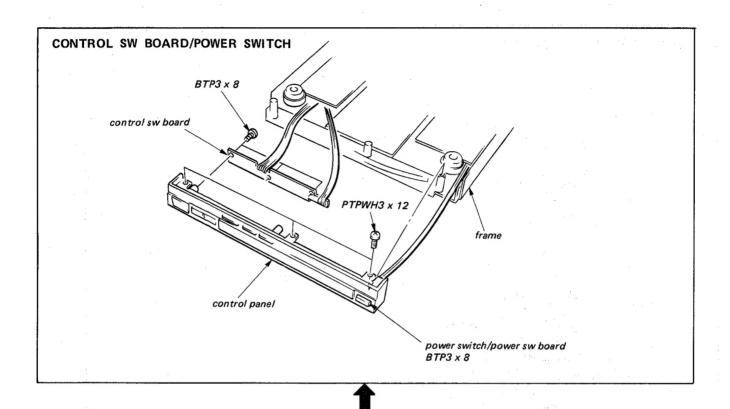


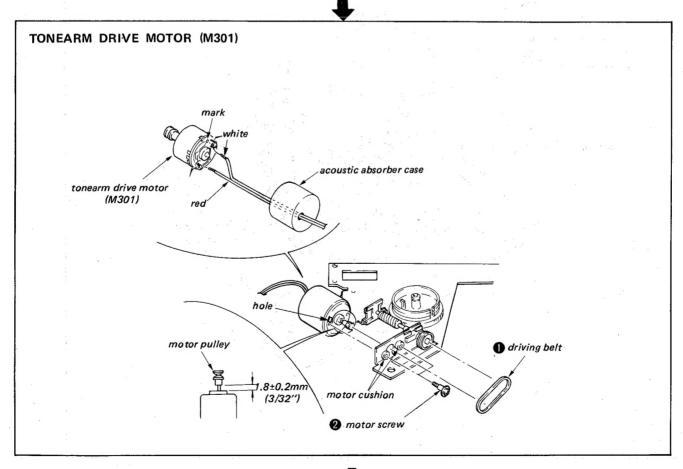


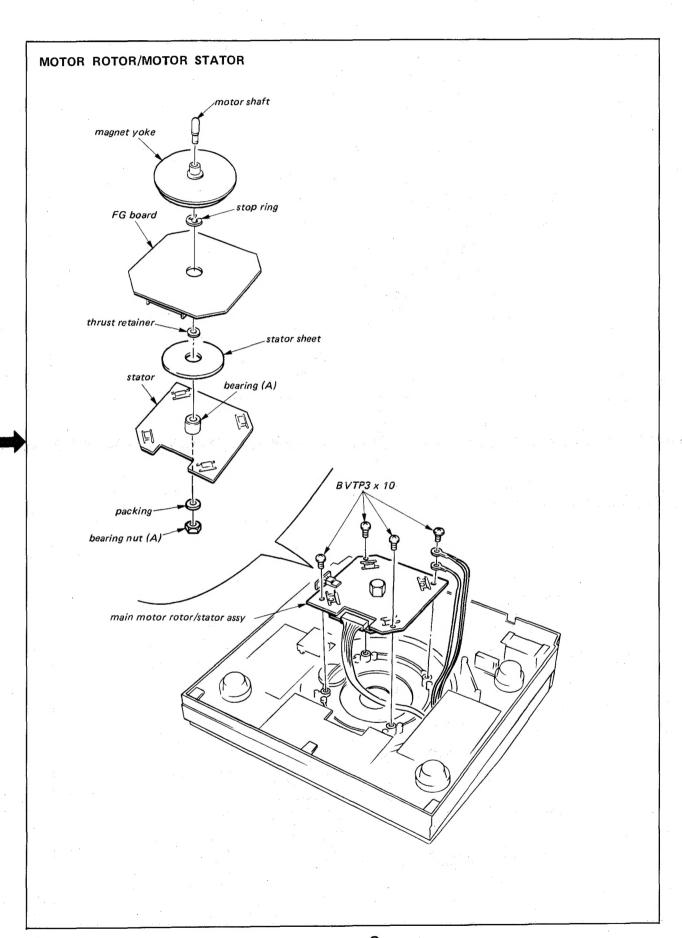
TO PAGE 9.



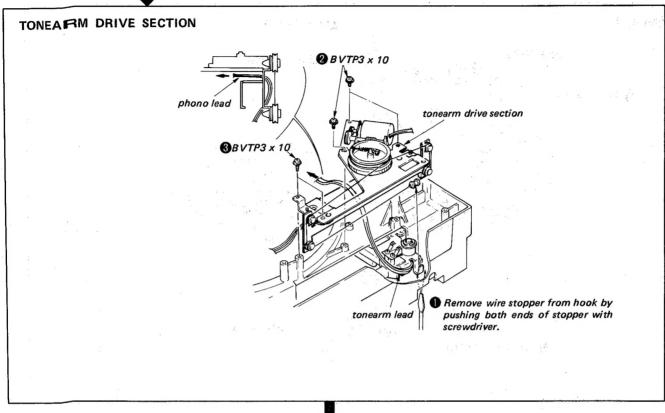




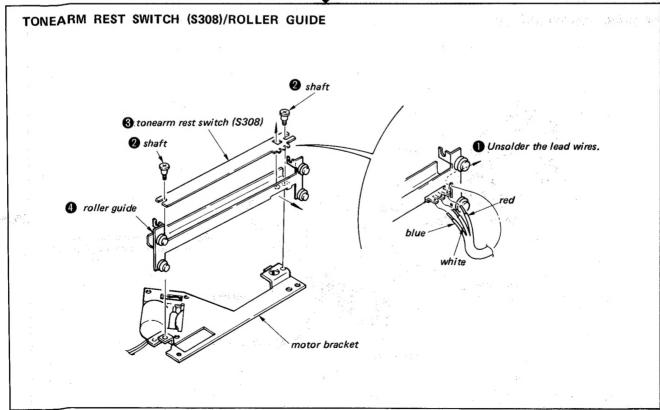


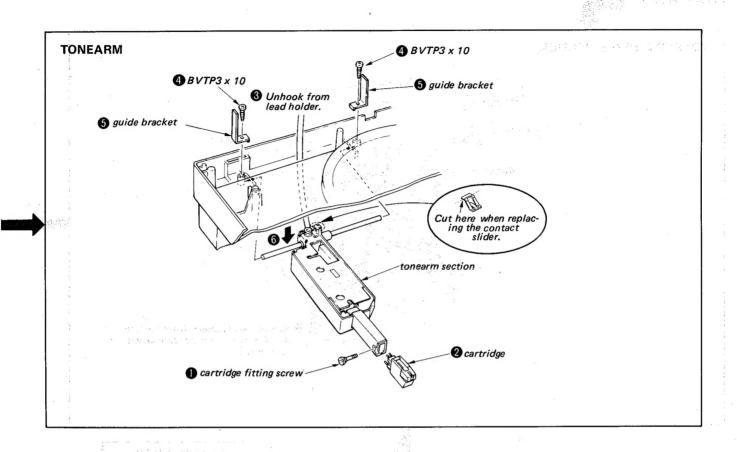


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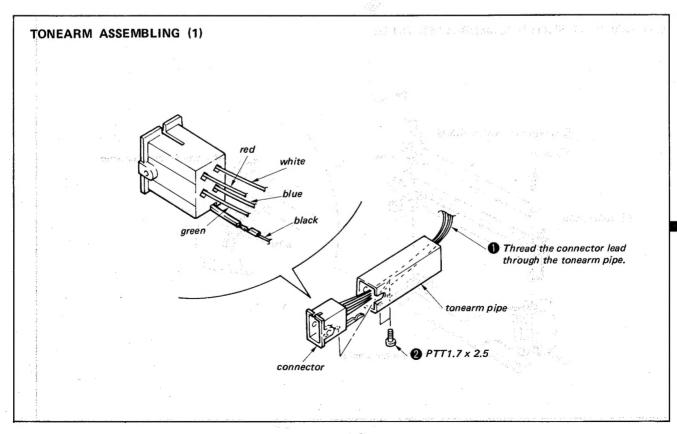
TONEARM DRIVE CORD STRINGING (See page 13)

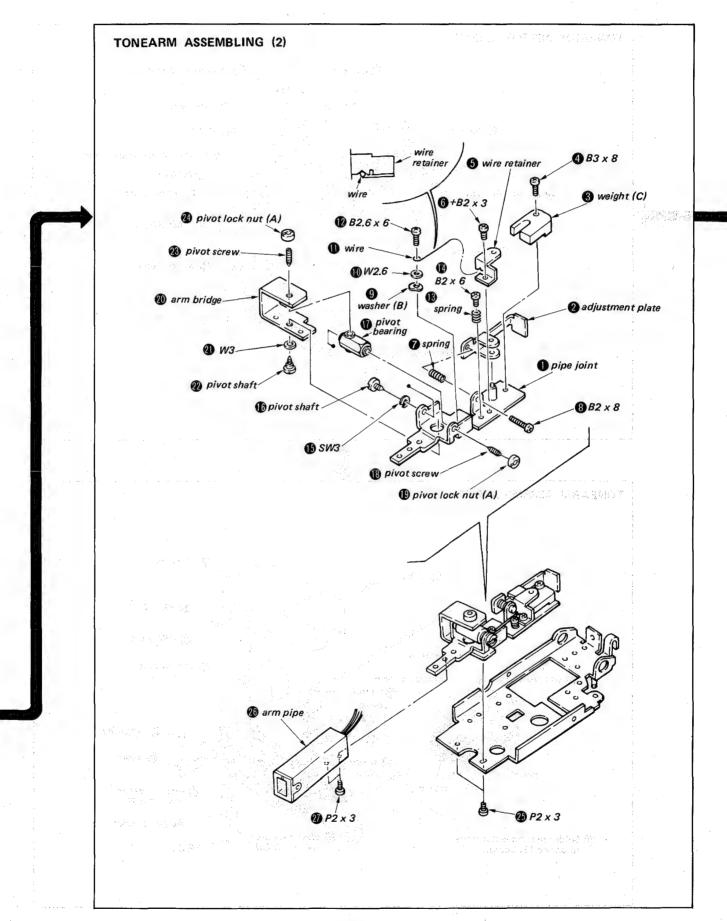


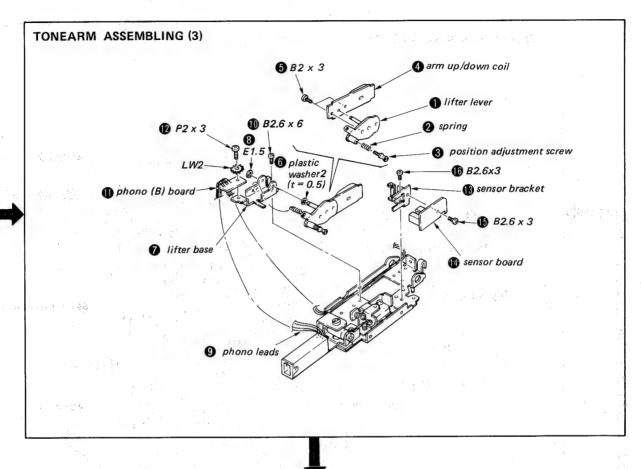


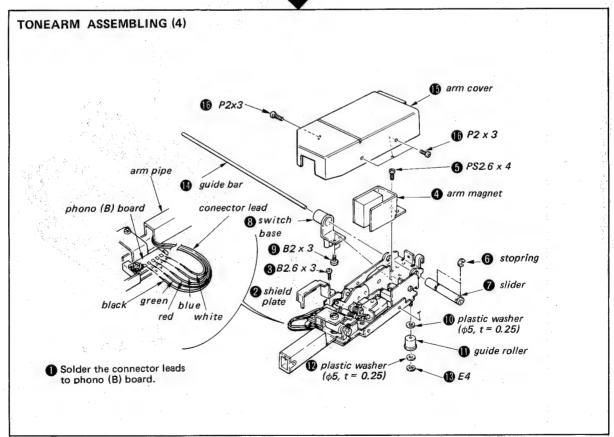
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# 2-2. TONEARM ASSEMBLING



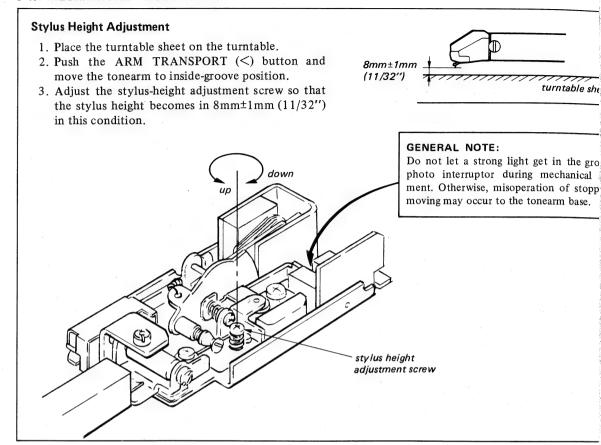


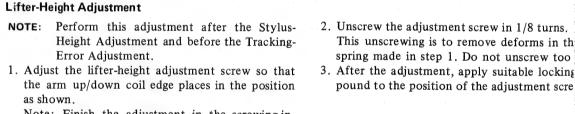


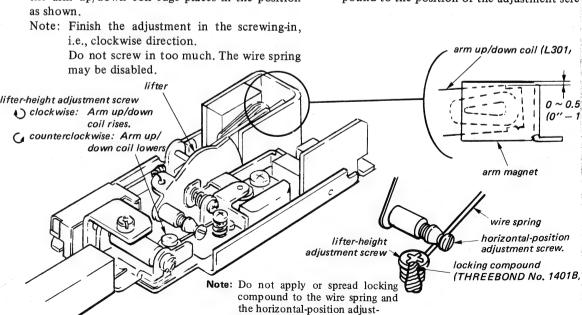


# SECTION 3 ADJUSTMENTS

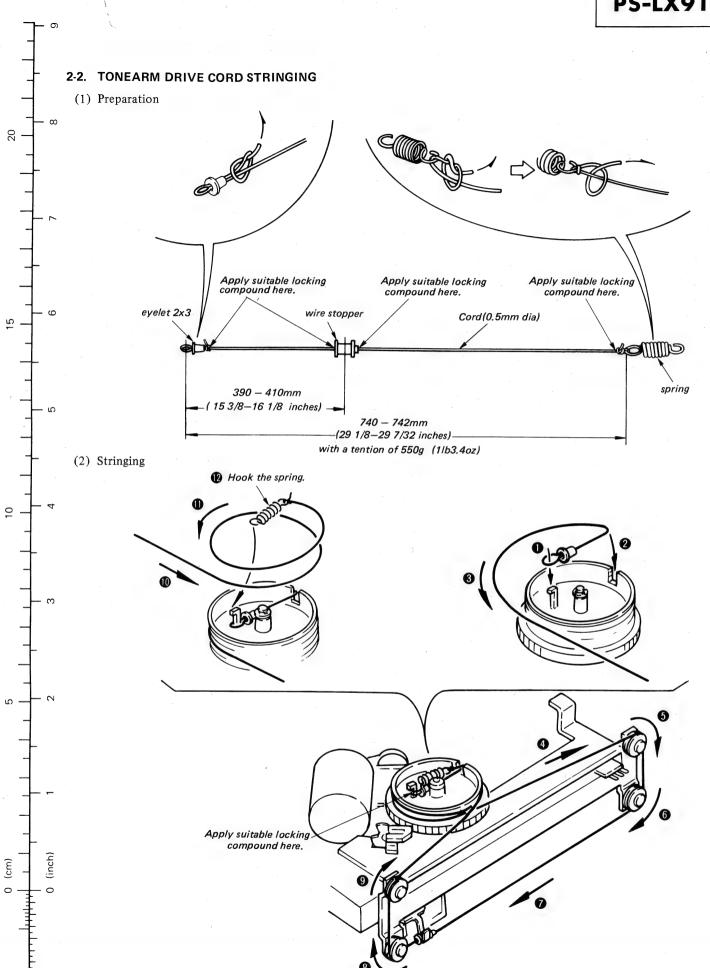








ment screw.



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# SECTION 3 ADJUSTMENTS

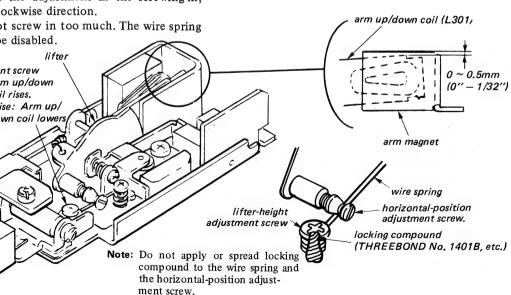
# L ADJUSTMENTS

# trintable sheet on the turntable. ARM TRANSPORT (<) button and mearm to inside-groove position. stylus-height adjustment screw so that eight becomes in 8mm±1mm (11/32") tion. GENERAL NOTE: Do not let a strong light get in the groove of photo interruptor during mechanical adjustment. Otherwise, misoperation of stoppage or moving may occur to the tonearm base. Stylus height adjustment screw

# justment

- n this adjustment after the Stylus-Adjustment and before the Tracking-Adjustment.
- fter-height adjustment screw so that lown coil edge places in the position
- the adjustment in the screwing-in, ockwise direction.
- 2. Unscrew the adjustment screw in 1/8 turns.

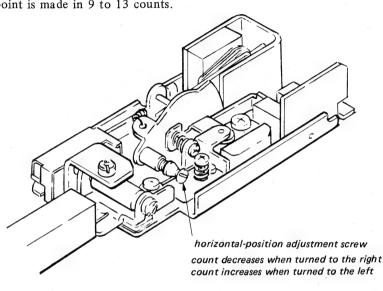
  This unscrewing is to remove deforms in the wire spring made in step 1. Do not unscrew too much.
- 3. After the adjustment, apply suitable locking compound to the position of the adjustment screw.



# Drop Point (30 cm) Adjustment

NOTE: Perform this adjustment after the Lifter-Height Adjustment and before the Tracking-Error Adjustment.

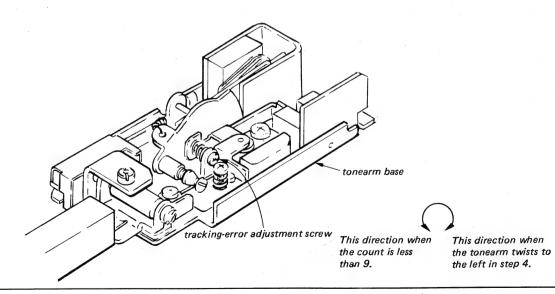
- 1. Put the Test Record (YFSC-16) on the turntable sheet.
- 2. Push the START/STOP button.
- 3. Adjust the horizontal-position adjustment screw so that the drop point is made in 9 to 13 counts.

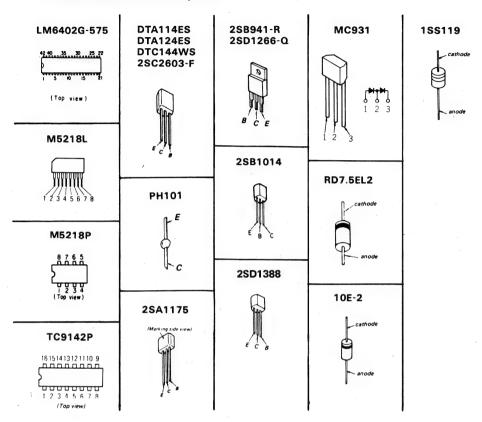


# **Tracking Error Adjustment**

Note: Perform this adjustment after the Drop-Point (30 cm) Adjustment.

- (1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.
- (2) Adjust with the adjustment screw so that the tonearm base does not move just after the tonearm goes down.
- (3) Press START/STOP button for stop. Press START/STOP button to let the tonearm lead in, and then go UP (▼ button) after the tonearm base moves.
- (4) Check the count at this time, and then check that the difference in count when the tonearm goes down again is within 5 counts.





• Color code of sleeving over the end of the jacket.



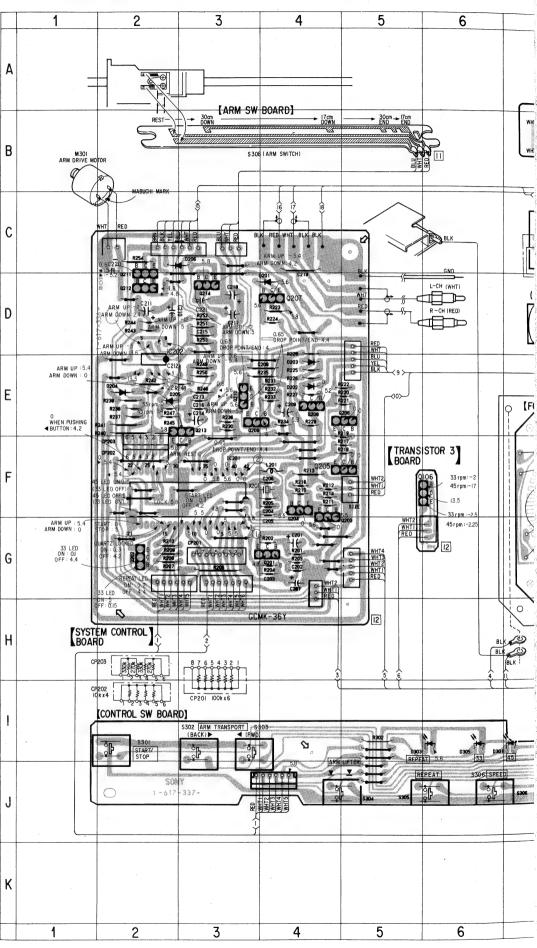
- o-: parts extracted from the component side.
- •—: parts extracted from the conductor side.

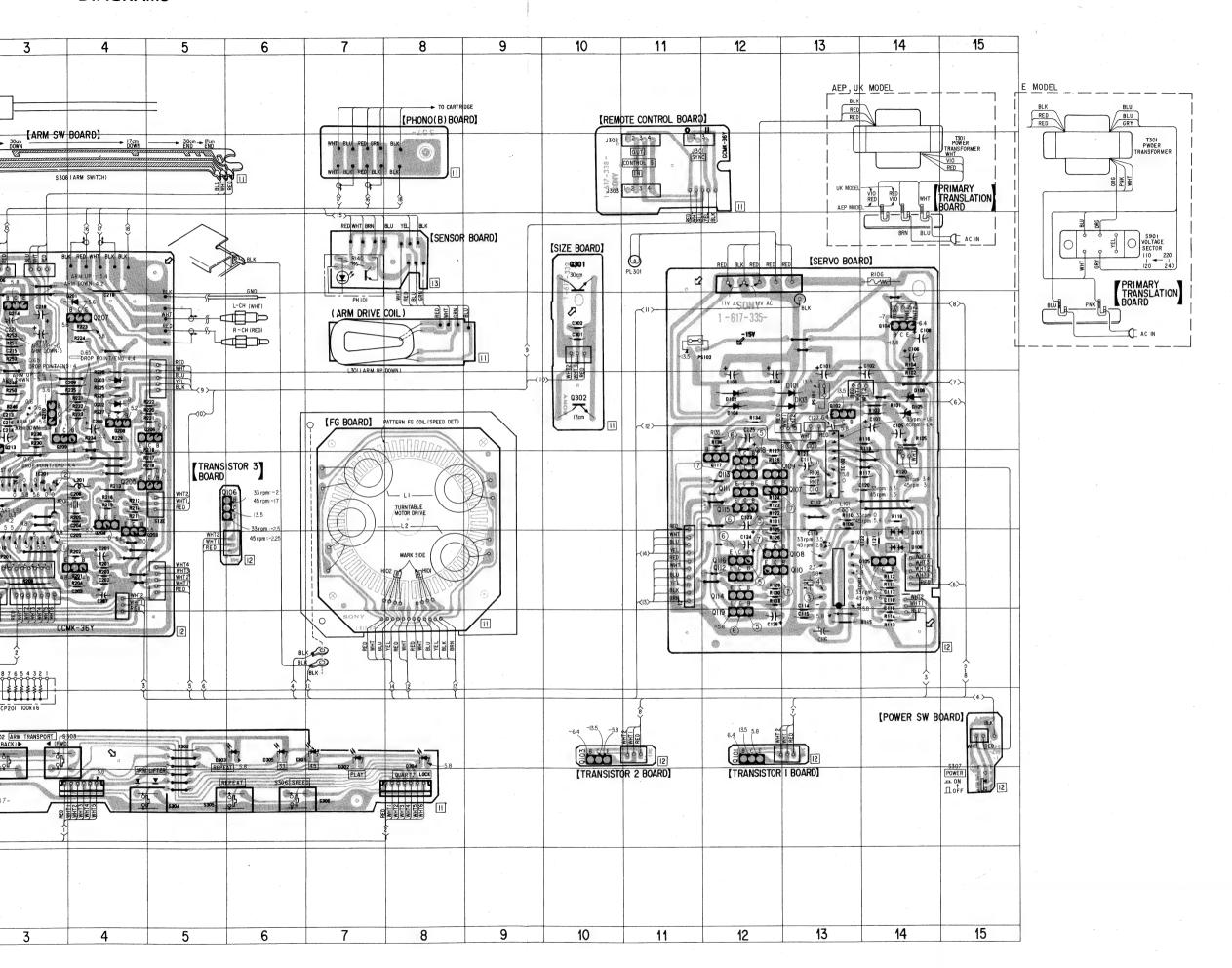
-16-

# SECTION 4 DIAGRAMS

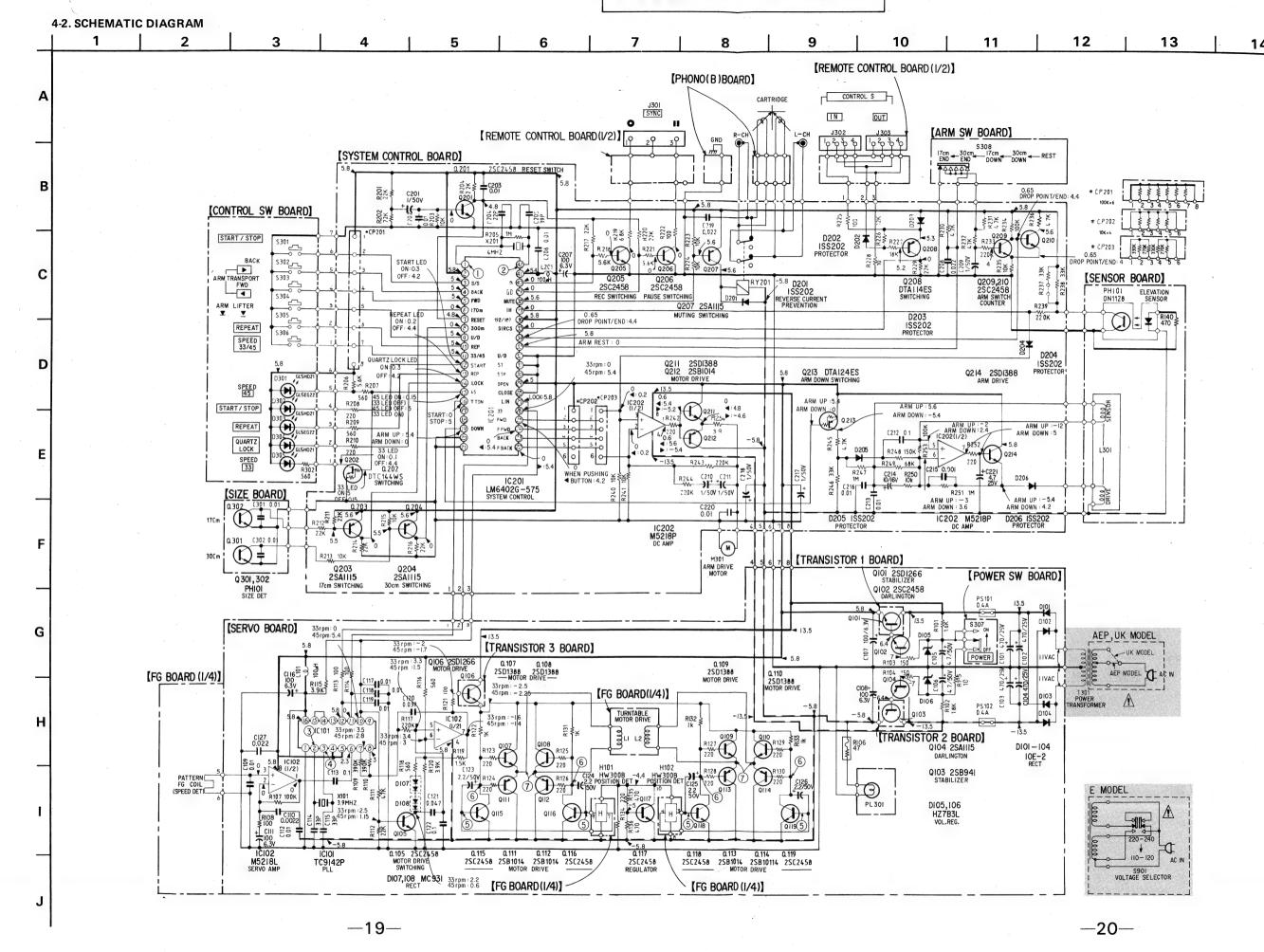
# 4-1. MOUNTING DIAGRAM

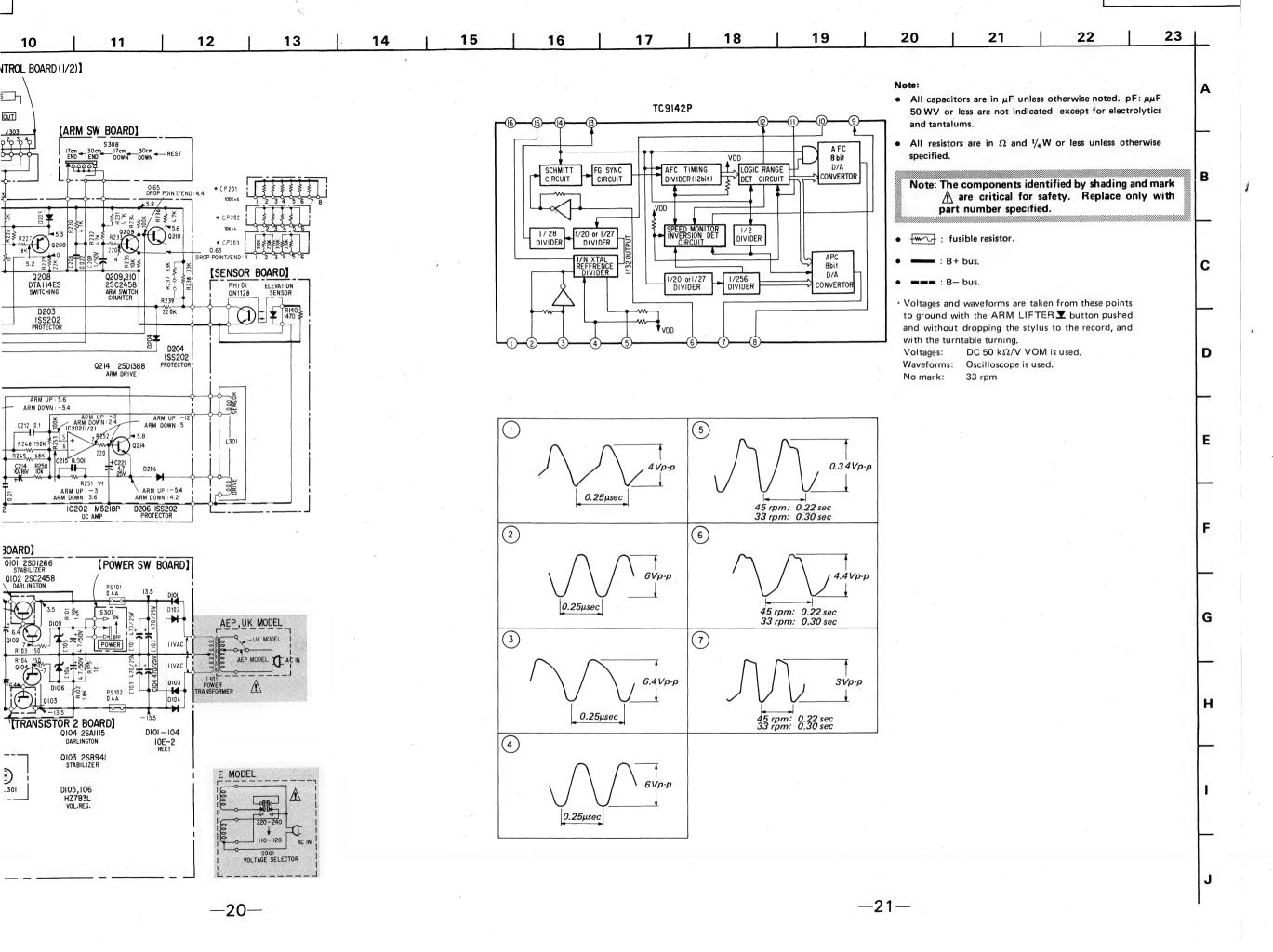
- Conductor Side -

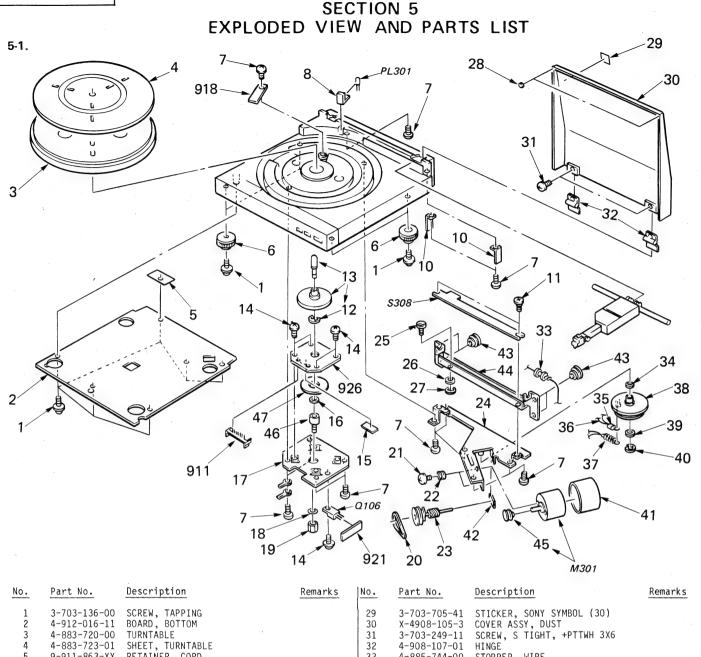


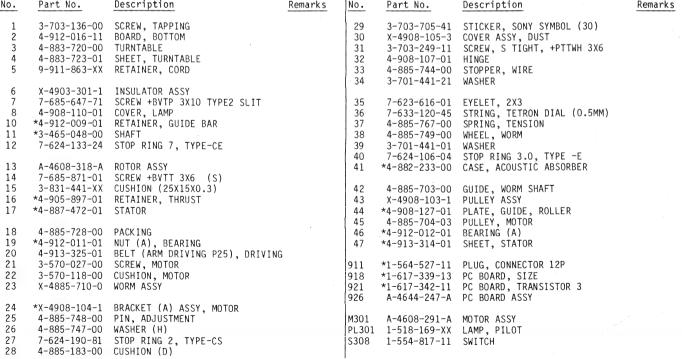


# PS-LX910 PS-LX910









 The construction parts of an assembled part are indicated with a collation The mechanical parts with no reference number in the exploded views are not supplied. number in the remark column. · Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be antici-pated when ordering these items. 917 5-2. 63. 65 Q103 925 Q101 920 59 919 62<sup>´</sup> 924 67 56 D301,303-305 S307 70 D302, 304

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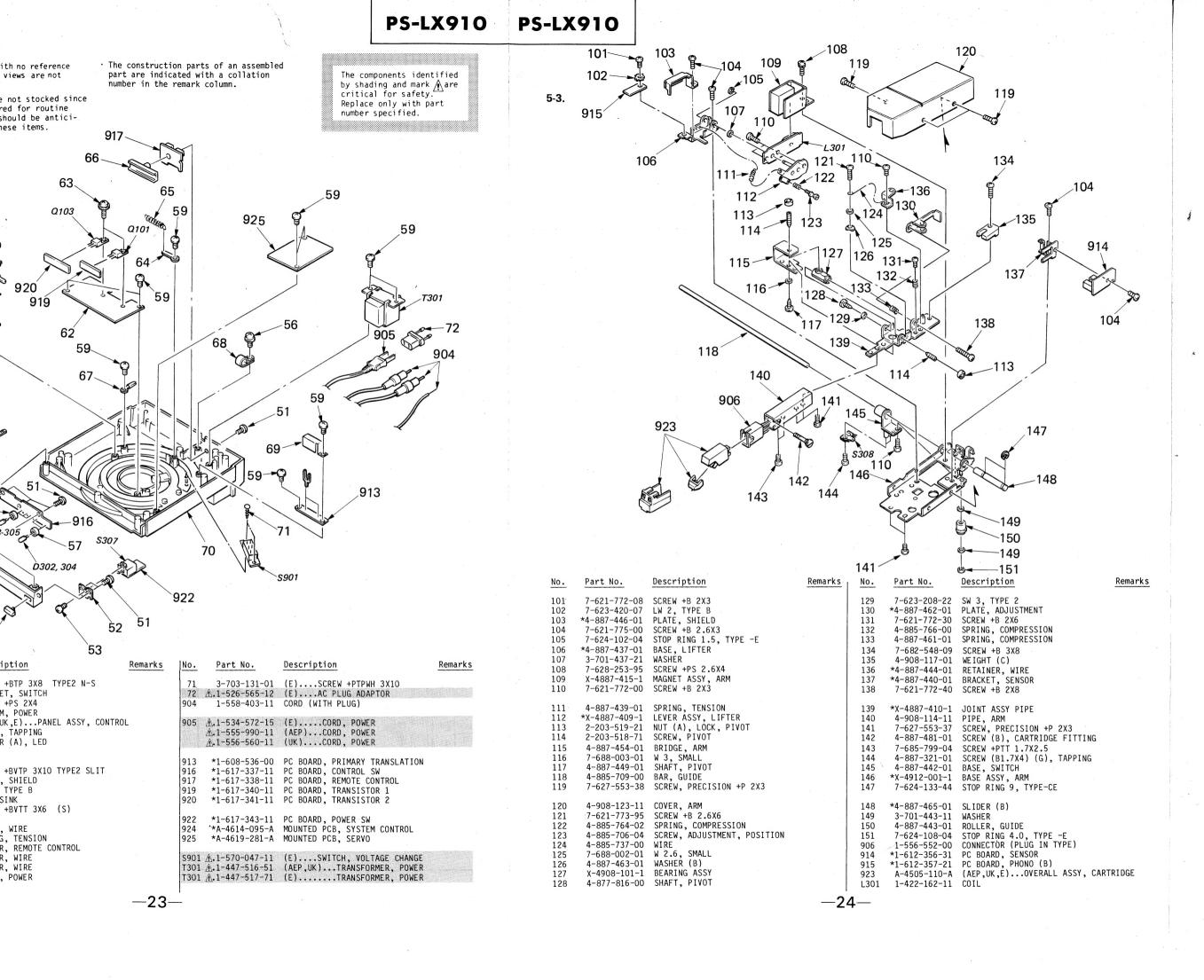
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922

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# **SECTION 6 ELECTRICAL PARTS LIST**

# NOTE:

- Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be antici-pated when ordering these items.
- If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS: MF:μF, PF:μμF.

RESISTORS

· All resistors are in ohms. · F: nonflammable

COILS

· MMH : mH, UH : µH

SEMICONDUCTORS

In each case, U : μ, for example: UA...: μΑ..., UPA...: μΡΑ..., UPC...: μΡC, UPD...: μΡD...

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

# ELECTRICAL PARTS

# ELECTRICAL PARTS

Ref.No. Part No.	Description	Ref.No.	Part No.	Description			
901 *1-508-802-00 902 *1-508-878-00 903 *1-508-880-00 904 1-558-403-11	BASE POST 3P BASE POST, MCD CONNECTOR 6P	C119 C120 C121	1-162-306-31 1-136-160-00 1-136-161-00		0.01MF 0.039MF 0.047MF	30% 5% 5%	16V 50V 50V
905 A.1-534-572-15 A.1-555-990-11 A.1-556-560-11		C122 C123 C124	1-136-165-00 1-123-612-00 1-123-612-00	ELECT	0.1MF 2.2MF 2.2MF	5% 20% 20%	50V 50V 50V
906 1-556-552-00 907 *1-564-499-11	CONNECTOR (PLUG IN TYPE) PIN, CONNECTOR 6P PIN, CONNECTOR 7P	C125 C126 C127	1-123-612-00 1-123-612-00 1-162-596-00	ELECT	2.2MF 2.2MF 0.022MF	20% 20%	50V 50V 25V
909 *1-564-336-00 910 *1-560-200-00	PIN, CONNECTOR 2P	C201 C202 C203	1-123-611-00 1-162-306-31 1-162-306-31	CERAMIC	1MF 0.01MF 0.01MF	20% 30% 30%	50V 16V 16V
913 *1-608-536-00 914 *1-612-356-31	PC BOARD, PRIMARY TRANSLATION PC BOARD, SENSOR PC BOARD, PHONO (B)	C204 C205 C206	1-162-207-31 1-162-213-31 1-162-306-31	CERAMIC	22PF 39PF 0.01MF	5% 5% 30%	50V 50V 16V
916 *1-617-337-11 917 *1-617-338-11	PC BOARD, CONTROL SW PC BOARD, REMOTE CONTROL	C207 C208 C209	1-123-661-00 1-161-494-00 1-123-611-00	CERAMIC	100MF 0.022MF 1MF	20% 30% 20%	6.3V 25V 50V
919 *1-617-340-11 920 *1-617-341-11	PC BOARD, TRANSISTOR 1 PC BOARD, TRANSISTOR 2 PC BOARD, TRANSISTOR 3	C210 C211 C212	1-123-611-00 1-123-611-00 1-136-165-00	ELECT	1MF 1MF 0.1MF	20% 20% 5%	50V 50V 50V
922 *1-617-343-11 923 A-4505-110-A	PC BOARD, POWER SW (AEP,UK,E)OVERALL ASSY, CARTRIDG MOUNTED PCB, SYSTEM CONTROL	C213 C214 C215	1-162-306-31 1-123-617-00 1-162-294-31	ELECT	0.01MF 10MF 0.001MF	30% 20% 10%	16 V 16 V 50 V
925 *A-4619-281-A	MOUNTED PCB, SERVO PC BOARD ASSY	C216 C217 C218	1-162-306-31 1-123-611-00 1-123-611-00	ELECT	0.01MF 1MF 1MF	30% 20% 20%	16 V 50 V 50 V
C101 1-124-480-11 C102 1-124-480-11 C103 1-124-480-11	ELECT 470MF 20% 25V	C220	1-161-494-00 1-162-306-31 1-123-616-91	CERAMIC	0.022MF 0.01MF 4.7MF	30% 30% 20%	25V 16V 25V
C104 1-124-480-11 C105 1-123-619-00 C106 1-123-619-00	ELECT 4.7MF 20% 50V	C302	1-162-306-31 1-162-306-31		0.01MF 0.01MF	30% 30%	16V 16V
C107 1-123-661-00 C108 1-123-661-00 C109 1-162-306-31	ELECT 100MF 20% 6.3 ELECT 100MF 20% 6.3	CP201 CP202 CP203	1-232-881-11 1-232-946-11 1-232-947-11	COMPOSITION	CIRCUIT BLOC	K	
C110 1-162-302-31 C111 1-123-661-00 C112 1-162-306-31	CERAMIC 0.0022MF 30% 16V ELECT 100MF 20% 6.3	D101 D102 D103	8-719-200-02 8-719-200-02 8-719-200-02	DIODE 10E-2			
C113 1-136-165-00 C114 1-162-211-31 C115 1-162-211-31	FILM 0.1MF 5% 50V CERAMIC 33PF 5% 50V	D104 D105 D106	8-719-200-02 8-719-101-67 8-719-101-67	DIODE RD7.5E			
C116 1-123-661-00 C117 1-162-306-31 C118 1-162-306-31	ELECT 100MF 20% 6.3 CERAMIC 0.01MF 30% 16W	D107 D108 D201	8-719-000-12 8-719-000-12 8-719-911-19 8-719-911-19	DIODE MC931 DIODE 1SS119			

# ELECTRICAL PARTS

Ref.No.	Part No.	Description
D203 D204 D205	8-719-911-19 8-719-911-19 8-719-911-19	
D206	8-719-911-19	DIODE 1SS119
D301	8-719-906-58	DIODE GL-5HD21
D302	8-719-907-36	DIODE GL-5EG22
D303	8-719-906-58	DIODE GL-5HD21
D304	8-719-907-36	DIODE GL-5EG22
D305	8-719-906-58	DIODE GL-5HD21
H101	8-719-920-37	ELEMENT, HALL HW-300B
H102	8-719-920-37	ELEMENT, HALL HW-300B
IC101 IC102 IC201 IC202	8-759-600-02 8-759-802-00	IC TC9142P IC M5218L IC LM6402G-575 IC M5218P
J301 J302 J303	*1-560-280-00 *1-560-039-00 *1-560-039-00	CONNECTOR PIN 3P (SYNC) PIN, CONNECTOR (CONTROL S IN) PIN, CONNECTOR (CONTROL S OUT)
L101 L201 L301	1-410-033-11 1-410-033-11 1-422-162-11	
M301	A-4608-291-A	MOTOR ASSY
PH101	8-719-411-28	DIODE ON1128
PL301	1-518-169-XX	LAMP, PILOT
PS101	1-532-605-00	LINK, IC
PS102	1-532-605-00	LINK, IC
Q101	8-729-400-81	TRANSISTOR 2SD1266-Q
Q102	8-729-606-33	TRANSISTOR 2SC2603-F
Q103	8-729-400-10	TRANSISTOR 2SB941-R
Q104 Q105 Q106	8-729-606-33	TRANSISTOR 2SC2603-F
Q107 Q108 Q109	8-729-802-34 8-729-802-34 8-729-802-34	TRANSISTOR 2SD1388 TRANSISTOR 2SD1388 TRANSISTOR 2SD1388
Q110 Q111 Q112	8-729-802-34 8-729-802-22 8-729-802-22	TRANSISTOR 2SD1388 TRANSISTOR 2SB1014 TRANSISTOR 2SB1014
Q113	8-729-802-22	TRANSISTOR 2SB1014
Q114	8-729-802-22	TRANSISTOR 2SB1014
Q115	8-729-606-33	TRANSISTOR 2SC2603-F
0116	8-729-606-33	TRANSISTOR 2SC2603-F
0117	8-729-606-33	TRANSISTOR 2SC2603-F
0118	8-729-606-33	TRANSISTOR 2SC2603-F
Q119	8-729-606-33	TRANSISTOR 2SC2603-F
Q201	8-729-606-33	TRANSISTOR 2SC2603-F
Q202	8-729-900-85	TRANSISTOR DTC144WS
Q203	8-729-117-54	TRANSISTOR 2SA1175
Q204	8-729-117-54	TRANSISTOR 2SA1175
Q205	8-729-606-33	TRANSISTOR 2SC2603-F
Q206	8-729-606-33	TRANSISTOR 2SC2603-F
Q207	8-729-117-54	TRANSISTOR 2SA1175
Q208	8-729-900-61	TRANSISTOR DTA114ES
0209	8-729-606-33	TRANSISTOR 2SC2603-F
0210	8-729-606-33	TRANSISTOR 2SC2603-F
0211	8-729-802-34	TRANSISTOR 2SD1388

# ELECTRICAL PARTS

			_			
Ref.No	. Part No.	Descri	ption			
Q212 Q213 Q214	8-729-802-2 8-729-900-6 8-729-802-3	4 TRANSI	STOR 2SB10: STOR DTA12 STOR 2SD13	4ES		
0301 0302	8-729-101-0 8-729-101-0		STOR PH101 STOR PH101			
R101 R102 R103 R104	1-247-836-0 1-247-837-0 1-247-811-0 1-247-811-0	O CARBON O CARBON	1.8 1.8 150	8K 5% 0 5%	1/6 1/6 1/6	W
R105 R106 R107	1-247-783-00 1-217-395-00 1-247-879-00	CARBON FUSIBLE CARBON	10 47 100K	5% 5% 5%	1/6W 1/4W 1/6W	F
R108 R109 R110	1-247-807-00 1-247-893-00 1-247-893-00	CARBON CARBON CARBON	100 390K 390K	5% 5% 5%	1/6W 1/6W 1/6W	
R111 R112 R113	1-249-437-11 1-249-433-11 1-247-807-00	CARBON CARBON CARBON	47K 22K 100	5% 5% 5%	1/6W 1/6W 1/6W	
R114 R115 R116	1-247-807-00 1-247-845-00 1-247-825-00	CARBON CARBON CARBON	100 3.9K 560	5% 5% 5%	1/6W 1/6W 1/6W	
R117 R118 R119	1-247-887-00 1-247-825-00 1-249-419-11	CARBON CARBON CARBON	220K 560 1.5K	5% 5% 5%	1/6W 1/6W 1/6W	
R120 R121 R122	1-247-845-00 1-247-807-00 1-247-831-00	CARBON CARBON CARBON	3.9K 100 1K	5% 5% 5%	1/6W 1/6W 1/6W	
R123 R124 R125	1-247-815-00 1-247-815-00 1-247-815-00	CARBON CARBON CARBON	220 220 220	5% 5% 5%	1/6W 1/6W 1/6W	
R126 R127 R128	1-247-815-00 1-247-815-00 1-247-815-00	CARBON CARBON CARBON	220 220 220	5% 5% 5%	1/6W 1/6W 1/6W	
R129 R130 R131	1-247-815-00 1-247-815-00 1-247-831-00	CARBON CARBON CARBON	220 220 1K	5% 5% 5%	1/6W 1/6W 1/6W	
R132 R133 R134	1-247-831-00 1-247-831-00 1-247-815-00	CARBON CARBON CARBON	1K 1K 220	5% 5% 5%	1/6W 1/6W 1/6W	
R135 R136 R140	1-247-823-00 1-247-823-00 1-247-823-00	CARBON CARBON CARBON	470 470 470	5% 5% 5%	1/6W 1/6W 1/6W	
R201 R202 R203	1-249-433-11 1-249-433-11 1-249-429-11	CARBON CARBON CARBON	22K 22K 10K	5% 5% 5%	1/6W 1/6W 1/6W	
R204 R205 R206	1-249-421-11 1-247-903-00 1-247-849-00	CARBON CARBON CARBON	2.2K 1M 5.6K	5% 5% 5%	1/6W 1/6W 1/6W	
R207 R208 R209	1-247-825-00 1-247-815-00 1-247-825-00	CARBON CARBON CARBON	560 220 560	5% 5% 5%	1/6W 1/6W 1/6W	
R210 R211 R212	1-247-815-00 1-249-433-11 1-249-433-11	CARBON CARBON CARBON	220 22K 22K	5% 5% 5%	1/6W 1/6W 1/6W	
R213 R214 R215	1-249-429-11 1-249-433-11 1-249-429-11	CARBON CARBON CARBON	10K 22K 10K	5% 5% 5%	1/6W 1/6W 1/6W	
			7 - 27			

# ELECTRICAL PARTS

Ref.No.	Part No.	Description				.
R216	1-249-433-11	CARBON	22K	5%	1/6W	
R217	1-249-433-11	CARBON	22K	5%	1/6W	
R218	1-247-849-00	CARBON	5.6K	5%	1/6W	
R219 R220 R221	1-247-851-00 1-249-433-11 1-247-849-00	CARBON CARBON CARBON	6.8K 22K 5.6K	5%	1/6W 1/6W 1/6W	
R222	1-247-807-00	CARBON	100	5%	1/6W	
R223	1-249-429-11	CARBON	10K	5%	1/6W	
R224	1-249-429-11	CARBON	10K	5%	1/6W	
R225	1-247-807-00	CARBON	100	5%	1/6W	•
R226	1-247-857-00	CARBON	12K	5%	1/6W	
R227	1-249-432-11	CARBON	18K	5%	1/6W	
R228	1-247-783-00	CARBON	10	5%	1/6W	
R229	1-249-433-11	CARBON	22K	5%	1/6W	
R230	1-249-425-11	CARBON	4.7K	5%	1/6W	
R231 R232 R233	1-249-425-11 1-249-437-11 1-247-887-00	CARBON CARBON CARBON	4.7K 47K 220K	5%	1/6W 1/6W 1/6W	
R234 R235 R236	1-247-879-00 1-249-429-11 1-249-425-11	CARBON CARBON CARBON	100K 10K 4.7K	5%	1/6W 1/6W 1/6W	
R237	1-247-867-00	CARBON	33K	5%	1/6W	
R238	1-247-867-00	CARBON	33K	5%	1/6W	
R239	1-247-887-00	CARBON	220K	5%	1/6W	
R240 R241 R242	1-249-429-11 1-249-429-11 1-247-815-00	CARBON CARBON CARBON	10K 10K 220	5% 5%	1/6W 1/6W 1/6W	
R243 R244 R245	1-247-887-00 1-247-887-00 1-249-425-11	CARBON CARBON CARBON	220K 220K 4.7K	5%	1/6W 1/6W 1/6W	
R246	1-247-867-00	CARBON	33K	5%	1/6W	
R247	1-247-903-00	CARBON	1M	5%	1/6W	
R248	1-247-883-00	CARBON	150K	5%	1/6W	
R249	1-247-875-00	CARBON	68K	5%	1/6W	
R250	1-249-429-11	CARBON	10K	5%	1/6W	
R251	1-247-903-00	CARBON	1M	5%	1/6W	
R252	1-247-815-00	CARBON	220	5%	1/6W	
R253	1-247-879-00	CARBON	100K	5%	1/6W	
R254	1-247-773-00	CARBON	3.9	5%	1/6W	
R302	1-247-825-00	CARBON	560	5%	1/6W	
RY201	1-515-519-00	RELAY				
\$301 \$302 \$303	1-570-282-11 1-570-282-11 1-570-282-11	SWITCH, KEY	BOARD BOARD BOARD	(ARM	T/STOP) TRANSPORT TRANSPORT	

ELECTRICAL PARTS				
<u>Ref.No.</u>	Part No.	Description		
\$304 \$305 \$306	1-570-282- 1-570-282- 1-570-282-	11 SWITCH, KEY BOARD (REPEAT)		
\$308	1-570-043- 1-554-817- .1-570-047-	11 SWITCH		
	.1-447-516- .1-447-517-			
X101 X201	1-527-380- 1-567-192-			
ACC	ESSORY & PA	CKING MATERIAL		
Par	t No.	Description		
1-5	57-109-21 58-233-11 26-565-12	CORD, CONNECTION CORD (WITH CONNECTOR) (E)AC PLUG ADAPTOR		
3-7	32-616-00 01-630-00 01-634-00	BAG, POLYETHYLENE BAG, POLYETHYLENE BAG, POLYETHYLENE		
	60-844-11 60-844-41	(AEP,UK,E)MANUAL, INSTRUCTION (AEP)MANUAL, INSTRUCTION		
4-8	83-723-01 85-168-00 85-784-00	SHEET, TURNTABLE ADAPTOR, 45 HOLDER, TURNTABLE		
4-9	85-792-00 12-010-01 12-183-01	PLUG IN SEAL (A) SCREW, TRANSPORT PILLOW, ARM		
	12-184-01 12-185-01	CUSHION (LEFT) CUSHION (RIGHT)		
4-9	12-195-01	PROTECTOR		
	13-315-01 13-315-11	(AEP,UK)INDIVIDUAL CARTON (E)INDIVIDUAL CARTON		
4-9	13-320-01 13-322-01 13-323-01	(AEP)LABEL, MODEL NUMBER (UK)LABEL, MODEL NUMBER (E)LABEL, MODEL NUMBER		

4-913-324-01 (E)....LABEL, VOLTAGE

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.